



WallArk

Wall Mount LiFePO₄ Battery Pack



Superior Efficiency

Experience maximum efficiency with up to 90% usable energy.



Ultra-thin Design

Ultra-thin design, with a thickness of only 10cm.



Safe & Reliable

Intelligent temperature control guarantees battery safety and longevity.



Extended Service Life

Optimized cycle life exceeds 6000 cycles for long-lasting reliability.



Easy Installation

Auto ID, Modular design allows for quick and seamless integration.



Concealed Installation

High space utilization, suitable for small apartments or families who prioritize tidiness.

WALL MOUNT LIFEPO4 BATTERY PACK



MODEL	WallArk-51100-B	WallArk-51170-B	WallArk-51200-B
Main Parameter			
Cell Chemistry	LiFePO4	LiFePO4	LiFePO4
Module Energy (kWh)	5.12	7.06	10.24
Module Nominal Voltage (V)	51.2	51.2	51.2
Module Capacity (Ah)	100	138	200
Battery Module Qty in Parallel (Optional)	1-128	1-128	1-128
System Nominal Voltage (V)	51.2	51.2	51.2
System Operating Voltage (V)	43.2~57.6	43.2~57.6	43.2~57.6
System Energy (kWh)	5.12~655.36	7.06~903.68	10.24~1310.72
System Usable Energy (kWh)	5~640	6.9~883.2	10~1280
Charge/Discharge Current (A)	Recommend	50	100
	Max	100	200
	Peak (2s,25°C)	105	220
Working Temperature(°C)	Charge: -10~50/Discharge: -20~55		
Display	SOC Status Indicator, LED Indicator		
Communication Port	CAN2.0/RS485		
Humidity	5~85%RH		
Altitude	≤3000m (Derating above 2000m)		
IP Rating of Enclosure	IP20	IP20	IP65
Dimension (W/D/H,mm)	450*592*90(Single)	1090*100*580	600*110*1080
Weight Approximate (kg)	42	72	100
Installation Location	Rack Mount, Wall Mount, StackMount, Floor Mount	Wall Mount, Floor Mount	Wall Mount, Floor Mount
Storage Temperature (°C)	0~35		
Recommend Depth of Discharge	90%		
Cycle Life	25±2°C, 0.5C/0.5C, EOL70%≥6000		
Warranty	10years		
Certification	CE/IEC62619/MSDS/UN38.3		

1. DC Usable Energy, test conditions: 90% DOD, 0.5C charge & discharge at 25°C. System usable energy may vary due to system configuration parameters.
2. The current is affected by temperature and SOC.
3. The warranty is due whichever reached first of warranty period or life cycle power.